

APPENDIX PART B: Generic Command Examples

Watch

This command displays the requested RTM screen

Command Usage: Watch <Object> [<Screen>]

Valid Object/Screen Pairs:

<i>Obj</i>	<i>Valid Screens</i>	<i>Description</i>
acb	globals	Displays ACB Global counters information
	entries	Displays ACB Entry information
	states	Displays ACB States information
	comm	Displays ACB Communication Layer information
	threads	Displays ACB Thread information
cma	groups	Display group information
	sessions	Display session information
	scr	Display CMA System Call Router information
h323	entries	Display the full H323 information screen
	radvision	Display the full radvision information screen
	states	Displays the combined (H323/Rad) states info (Note: CMA allocates double the MaxPorts configurable in H323.ini, so this screen will show double the MaxPorts entries)
sms		Displays SMS information
faxprint		Displays FaxPrint process information
notify		Displays MWI_OnOff Notification info

Get

This command allows the user to request certain system variable values.

Command Usage: get <Variable>

Valid Variables:

<i>Variable</i>	<i>Description</i>
watchtime	Gets the number of milliseconds between RTM (watch) screen refreshes
system status	Gets the current status of the system (up, down, quiesce)
loglevels	Gets the current run-time logging levels for ACB, CMA, and all loaded STATIC/STATIC_NOWAIT agents

Set

This command allows the user to set either UMCLI variables or overall system variables.

Command Usage: set <variable> <value>

Valid Variable/Value Pairs:

<i>Variable</i>	<i>Valid Values</i>	<i>Description</i>
watchtime	Numeric in milliseconds	Sets the refresh time for RTM screens in milliseconds. Any values less than 500 will be set to 500.
loglevel acb error	"off" or "local"	Turns ACT Error level logging off or local
loglevel acb warning	"off" or "local"	Turns ACT Warning level logging off or local
loglevel acb info	"off" or "local"	Turns ACT Info level logging off or local
loglevel acb debug	"off" or "local"	Turns ACT Debug level logging off or local
loglevel cma error	"off" or "local"	Turns CMA Error level logging off or local
loglevel cma warning	"off" or "local"	Turns CMA Warning level logging off or local
loglevel cma info	"off" or "local"	Turns CMA Info level logging off or local
loglevel cma debug	"off" or "local"	Turns CMA Debug level logging off or local
loglevel <PID> error	"off" or "local"	Turns <PID> Error level logging off or local (where <PID> is the PID of any scheduled agent)
loglevel <PID> warning	"off" or "local"	Turns <PID> Warning level logging off or local (where <PID> is the PID of any scheduled agent)
loglevel <PID> info	"off" or "local"	Turns <PID> Info level logging off or local (where <PID> is the PID of any scheduled agent)
loglevel <PID> debug	"off" or "local"	Turns <PID> Debug level logging off or local (where <PID> is the PID of any scheduled agent)

Start

This command allows the user to start various system agents or the entire system.

Command Usage: start <Agent>

Valid Agents:

<i>Agent</i>	<i>Description</i>
system	Starts the entire system
acb	Starts a manually stopped or quiesced ACB agent
cma	Starts a manually stopped or quiesced CMA agent (new functionality coming to allow quiesce of CMA ... start will be implemented with a spobjstate CMA R command)
logging	Starts the logging subsystem

Stop

This command allows the user to stop the TNT agent or the entire system. This command does NOT bring any running LOGSUB process down, since it is a peer process to the system and could be used by external agents which could still be running and need the service.

Command Usage: stop <Agent> <Screen>

Valid Agents:

<i>Agent</i>	<i>Description</i>
system	Stops the entire system (including Logging)
acb	Stops a running or quiesced ACB agent
cma	Stops a running or quiesced CMA agent
logging	Stops the logging subsystem only if the ACB agent is down

Quiesce

This command allows the user to quiesce the APP or TNT agent.

Command Usage: quiesce <Agent>

Valid Agents:

<i>Agent</i>	<i>Description</i>
acb	Quiesces acb
cma	Quiesces a running CMA agent

Reload

This command allows the user to reload various configuration files.

Command Usage: reload <Agent> [<Parameters>]

Valid Applications:

<i>Application</i>	<i>Parameters</i>	<i>Description</i>
cmaloglevels		Causes CMA to reload the DBG and TRACE sections of the \$PARMLIB/TNT/parms/TNT.ini configuration file.
Dialmap		Causes CMA to reload \$PARMLIB/TNT/parms/DialMap.ini
Route	"acb" or "cma"	Causes ACB to reload either \$PARMLIB/parms/APP/Route.<hostname> (acb) or \$PARMLIB/parms/TNT/Route.<hostname> (cma)
Sched	"all" or "static <token>"	Causes ACB to reschedule either all or a single agent defined in \$PARMLIB/parms/APP/Schedule.<hostname>. (Use of the static <token> parameter requires that <token> had previously been scheduled either as a STATIC or STATIC_NOWAIT.)

Help

This command allows the user to get help on the valid commands available, their usage, and what they mean.

Command Usage: help [<command>]

Valid Commands:

<i>Commands</i>	<i>Description</i>
<None>	Help without any parameters gives the users either a list of the top level commands (help set to "short") or the top level commands and all valid sub commands under each top level commands (help set to "full")
watch	Gives the user a list of valid screens and what each one is
get	Gives the user a list of valid variables to query
set	Gives the user a list of valid variables and valid values for each variable
start	Gives the user a list of valid Agents to start
stop	Gives the user a list of valid Agents to stop
quiesce	Gives the user a list of valid Agents to quiesce
reload	Gives the user a list of valid Configurables (and possibly optional parameters) to reload.
help	The ubiquitous help on help (probably not necessary...)